

POLYAKOV, N., red.; MUKHIN, Yu., tekhn. red.

[Program on the economics of socialist agricultural enterprises] Programma po ekonomike sotsialisticheskikh sel'skokhoziaistvennykh predpriatii; dlia ekonomicheskikh shkol, kruzhek i seminarov seti partiinogo prosveshchenia. Moskva, Gospolitizdat, 1959. 30 p. (MIRA 16:3)

1. Kommunisticheskaya Partiya Sovetskogo Soyuza, Vysshaya partiynaya shkola. Kafedra sovetskoy ekonomiki.
(Agriculture--Economic aspects)

see
POLYAKOV, N.

see Chapter 25

25
JUN 25 1963

SOV/6261

PHASE I BOOK EXPLOITATION

Kernenergie und Flotte; Artikelsammlung (Nuclear Energy and the Navy; Collection of Articles) [Berlin] Deutscher Militärverlag [1961].
232 p. Errata slip inserted. 2000 copies printed.

Translation from the Russian of: Atomnaya energiya i flot.

Translator: Erika Steuk, Lieutenant Commander. Responsibility for
German edition: Claus Gruszka, Engineer; Ed.: Klaus Krumsieg.

PURPOSE: This collection of articles is intended for officers of the
army, coast guard, and merchant marine.

COVERAGE: The book, a translation from the Russian, contains 25 ar-
ticles dealing with the application of nuclear weapons to naval
combat operations. Chapters 19 and 25 have been supplemented with
additional data for this edition. The devastating features of nu-
clear explosions are discussed. Attention is also given to the
protection of personnel, ships, and coastal facilities against nu-
clear weapons, and to the present and future applications of nuclear

Card 1/3

3

Nuclear Energy and the Navy (Cont.)

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power plants to shipping. No personalities are mentioned. There are 16 references: 10 Russian (including 3 translations from English-language sources), 1 French, 1 German, 1 English, 1 American, and 2 either English or American.

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1. A. Sedov, Engineer Lieutenant Colonel, Docent, Candidate of Technical Sciences. The Dangers of Nuclear Weapons Tests 9
2. S. Sergeyev, Captain (Navy). Explosions of Nuclear Weapons in the Air and Above and Under Water 22
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4. M. Arkipov, Engineer Lieutenant Colonel, Docent, Candidate of Technical Sciences, and V. Girenko, Engineer, Lieutenant Commander. Light Radiation 42

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Nuclear Energy and the Navy (Cont.)

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12. V. Galin, Engineer Colonel. Nuclear Protection of Coastal Installations 106
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Card 476

3/3

POLYAKOV, N.; YERMAKOV, A., inzh.

Readers' letters. Za rul. 19 no. 2:16 F '61.

(MIRA 14:4)

1. Nachal'nik laboratorii TsKEB mototsiklostroyeniya (for Polyakov).
(Motortrucks--Tires) (Motorcycles--Maintenance and repair)

POLYAKOV, N., inzh.

Plastics instead of metals. Za rul. 18 no. 12:1-2 D '60.
(MIRA 14:1)

1. Nachal'nik laboratorii stendovykh ispytaniy TsKEB.
(Plastics)

POLYAKOV, N. (g.Khar'kov); MAZANOV, K. (g.Khar'kov); BUBLIK, V. (g.Khar'kov)

Planning average wages for enterprises and workshops. Sots.trud
5 no.8:130-133 Ag '60. (MIRA 13:11)
(Kharkov--Wages)

POLYAKOV, N., polkovnik

Training in defense against the means of mass destruction. Voen. vest.

39 no.9:45-47 S '59.

(MIRA 12:12)

(Air defenses) (Air warfare)

21(2) PAGE 1 BOOK REFLECTION 307/2708

Atomic energy in the Soviet Union (Atomic Energy and the Navy) Collection of Articles) Moscow, Komsomol, 1959. 232 p. (Series: Nauchno-populyarnaya biblioteka) Number of copies printed not given.

Ed.: Th. M. Bider; Tech. Ed.: A. N. Gavrilov; Ed. and Compiler: L. D. Chernous'ko, Engineer, Captain.

PURPOSE: This book is intended for the general reader.

CONTENT: The papers in this collection discuss in popular style, and on the basis of data published in the Soviet press, problems of the use of atomic energy in the Navy. The collection includes reports on the leading factors of a nuclear explosion and on the use of atomic energy in the Navy. A number of articles are devoted to the antinuclear defense of ships and of shore objects, and to the introduction of nuclear power plants in naval vessels. Also included in the collection are papers dealing with the future prospects for naval use of nuclear energy, and with the construction of the world's first atomic icebreaker, the "Lenin", which is expected to play an important part in the further conquest of the Arctic regions. The collection also contains papers published in the journal Sovetskaya flota in 1955 - 1958, in revised and supplemented form.

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Dvoryanov, A., Doctor, Candidate of Technical Sciences, Engineer Sub-Commander. American Submarines With Atomic Engines (According to Data from the Foreign Press)	170
Mikhaylov, P., Candidate of Technical Sciences, Engineer Lieutenant Colonel. Atomic Depth Bombs (According to Data from the Foreign Press)	194
Bobitskiy, N., Engineer Rear Admiral. Atomic Power Plants on Ships	197
Solov'yev, M., Doctor, Candidate of Technical Sciences, Engineer Captain. Use of Atomic Engines in Ships	203
Zvonkov, Ya., Corresponding Member of the Academy of Sciences of the USSR, Honored Worker in the Field of Science and Technology of the USSR. Atom-Powered Ships	211
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Chernous'ko, L., Engineer Captain. The World's First Atomic Icebreaker, "Lenin"	225

AVAILABLE: Library of Congress (DT67.C39)

MAN'KOV, M.; POLYAKOV, N.

Breaks for physical training. Okhr.truda i sots.strakh. no.1:
86-87 Ja '59. (MIRA 12:2)

1. Otdel tekhniki bezopasnosti Bryanskogo mashinostroitel'nogo
zavoda.

(Bryansk--Machinery industry--Hygienic aspects)

POLYAKOV, N., podpolkovnik; UTEKHIN, S., podpolkovnik

Strengthening relations between local party and public organizations.
Voen. vest. 38 no. 8:40-45 Ag '58. (MIRA 11:7)

(Communist Party of the Soviet Union--Party work)

(Russia--Army--Education, Military)

POLYAKOV, N.

Preparatory training in firing from moving tanks. No 2.

Tankist, No 12, 1948.

POLYAKOV, N. (g. Kostino, Moskovskoy oblasti)

First steps of the new committee. Voen.znan. 32 no.1:6 Ja '56.
(MLRA 9:5)

1. Predsedatel' komiteta pervichnoy organizatsii Dobrovol'nogo
obshchestva sodeystviya armii, aviatsii i flotu mekhanicheskogo
tekhnikuma.

(Military education)

POLYAKOV, N.

The organization and methods of training in firing from moving tanks.
No 1.

Tankist, No 12, 1948.

BOYTSOV, Aleksandr Yevgen'yevich; MAGARSHAK, Boris Grigor'yevich;
POLYAKOV, Nikolay Aleksandrovich; CHERNIKOV, L.V., nauchnyy
red.; NIKITINA, R.D., red.; PRUMKIN, P.S., tekhn.red.

[Electric power generators and converters] Istochniki i
preobrazovateli elektricheskoi energii. Leningrad, Gos.
soiuznoe izd-vo sudostroit.promyshl., 1960. 462 p.
(MIRA 14:4)

(Electric machinery)

LOSEV, K.A.; POLYAKOV, N.A.

Ivan Vladimirovich Matveev 1903-1963; obituary. Biul. VAGO no.35:55-57
'64. (MIRA 18:4)

BINKEVICH, V.A.; KHVATOV, Yu.A.; POLYAKOV, N.A.; BURAYEV, B.K.

Operation of rod and ball mills in the first and second stages of milling. Gor. zhur. no.1:65-67 Ja '62. (MIRA 15:7)

1. -Dnepropetrovskiy sovnarkhoz (for Binkevich). 2. Novo-Krivorozhskiy gorno-obogatitel'skiy kombinat (for Khvatov, Polyakov, Burayev).

(Krivoy Rog--Mining machinery)

KHVATOV, Yu.A.; POLYAKOV, N.A.

Use of new ore-dressing equipment. Gor.zhur. no.4:58-62 Ap '62.
(MIRA 15:4)

1. Nachal'nik obogatitel'noy fabriki Novo-Krivorozhskogo gorno-obogatitel'nogo kombinata (for Khvatov). 2. Glavnyy obogatitel' Novo-Krivorozhskogo gorno-obogatitel'nogo kombinata (for Polyakov).
(Krivoy Rog Basin--Ore dressing--Equipment and supplies)

POLYAKOV, N. A.

AID P - 1236

Subject : USSR/Electricity
Card 1/1 Pub. 27 - 31/34
Author : Geyler, L. B., Doc. of Tech. Sci.
Title : N. A. Polyakov. Electrical Machinery. Approved by the
Administration of Educational Institutions of the Ministry
of Transportation and Heavy Machine Building of the USSR
as a textbook for shipbuilding technical schools. 356 pp.
Mashgiz, 1953 (Bibliography)
Periodical : Elektrichestvo, 12, 86, D 1954
Abstract : The reviewer is of the opinion that this book satisfies
the need for a middle-level textbook on electrical mach-
inery **particularly** emphasizing shipbuilding needs. He
points out several mistakes and deficiencies of the book,
which should be corrected in a future new edition.
Institution : None
Submitted : No date

1ST AND 2ND LETTERS																										3RD AND 4TH LETTERS																									
POLYAKOV, N. A.																																																			
Commercial antichlorine gas mask N. A. Polyakov <i>Izv. Vuzov</i> 15, No. 3, 116 (1967); <i>Chem. & Technol.</i> 40, 260. The principle of the apparatus rests on the conversion of Cl_2 to HCl by reaction with K_2S_2 in presence of activated charcoal; a charcoal contg. 25% of polysulfide is used for this purpose. The HCl formed is absorbed by a caustic alkali (mixt. of $Ca(OH)_2$, $NaOH$ and water). A. Papayan Continues																																																			
ASSOCIATED METALLURGICAL LITERATURE CLASSIFICATION																																																			

POI YAKOV, N. A.

Elektricheskie mashiny (Electric machines). Moskva, Mashgiz, 1953. 356 p.

SO: Monthly List of Russian Accessions, Vol. 7, No. 7, Oct. 1954

Card 1/1

POLYAKOV, N.A.

Treating livestock with Filatov's tissue emulsion. Zhivotnovodstvo
20 no.6:96 Je '58. (MIRA 11:6)

1. Glavnyy veterinarnyy vrach Koverninskogo rayona, Gor'kovskoy
oblasti.

(Tissue extracts) (Veterinary medicine)

POYAKOV, N. F.

POYAKOV, N. F. Prevention and treatment of A-avitaminosis in newborn calves. Barnaul, 1952. 35 pages with illustrations. Free, 2,000 copies.

SO: Veterinariya; 30; (3): March 1953; Uncl.
TABCON

POLYAKOV, N. F.

7811. POLYAKOV, N. F.—Opyt raboty telyatnitsy ye. S. Kostarevoy—
Uchastnika vsesoyuznoy sel'skokhozyaystvennoy vystavki. (Materialy
v Pomosheh' Lektoru). Barnaul, 1954 245. 20 sm. (Lektsionnoye Byuro
upr. Kul'tury A't. Krayispolkoma), 1.500ekz B. ts.--(55-3756) P
636. 2. 083.37 st (57.22)

SO: Knizhnaya Letopis', Vol. 7, 1955

POLYAKOV, N. F.

USSR/Miscellaneous

Card 1/1

Author : Polyakov, N. F., Subst. Dir. of the Altaic Veterinary Research Station

Title : Ensilage juice

Periodical : Nauka i Zhizn' 21/3, 34, Mar/1954

Abstract : The lack of vitamins in cattle feed in the early spring before green pastures are available constitutes a problem. Ensilage provides vitamins but young cattle can not eat it. It has been found that ensilage juice fed with milk to young cattle takes care of their vitamin needs. Directions for obtaining proper ensilage are given.

Institution :

Submitted :

POLYAKOV, N.F.

Eliminate barrenness and death. Nauka i pered. op. v
sel'khoz. no.10:32-34 0 '56. (MLRA 9:12)

1. Zamestitel' direktora Altayskoy nauchno-issledovatel'skoy
veterinarnoy opytной stantsii.
(Sterility in animals) (Calves--Feeding and feeding stuffs)

POLYAKOV, N.P., kandidat veterinarnykh nauk.

Some measures for the prevention of diseases in newborn calves.
Veterinariia 33 no.3:73-76 Mr '56. (MLRA 9:5)

**1. Altayskaya nauchno-issledovatel'skaya veterinarnaya opytnaya
stantsiya.**

(CALVES--DISEASES AND FEASTS)

Country	: USSR	
Category	: Farm Animals.	Q
	Cattle.	
Abs. Jour	: Ref Zhur-Biol., No 21, 1958, 96852	
Author	: Polyakov, N. F.	
Institut.	: Altay Kray Scientific Research Veterinary*	
Title	: An Experiment Using Silage Juice in Hypo- and Avitaminosis of Vitamin A in Newborn Calves.	
Orig Pub.	: Sb. nauchn. rabot Altaysk. krayevoy n.-i. vet. st., 1957, vyp. 1, 160-173	
Abstract	: Silage juice containing considerable amounts of carotene was given together with colostrum or milk in single doses of 15-50 mg and 60-200 mg daily for prophylactic purposes, and correspondingly in 20-100 mg and 80-300 mg doses for therapeutic purposes. As the juice was given in an oatmeal jelly, the therapeutic dosages were increased by 1 1/2-2 times. Using silage juice at 7 kolkhozes of the Altayskiy Kray for calves at the presence of hypo- and avitaminosis of vita-	
Card:	1/2	*Station.

USSR/Pharmacology. Toxicology. Chemotherapeutic
Preparations. Sulfamides.

V

Abs Jour: Ref. Zhur. - Biol., No 22, 1958, 102906

Author : Polyakov, N. F.

Inst : Altay Kray Scientific Research Veterinary Station

Title : Experiments with Titration of Sulfamide Prepara-
tions (S-55 and S-100).

Orig Pub: Sb. nauchn. rabot Altaysk. krayevoy n.-i. vet.
st., 1957, vyp. 1,

Abstract: No abstract

Card 1/1

Pregnant Cows and their offspring
Winter Stall Period.

ORIG. PUB. : Sb. nauchn. rabot Altaysk. krayevoy n.-i. vet.
st., 1957, vyp. 1, 148-159

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342010008-2

identify prevent hypovitaminosis of
vitamin A in cows and calves which constitute
a predisposing factor for pneumoenteritis of
newborn calves, the author recommends that 100-
150 mg of carotene per 100 kg of weight of
pregnant dry cows should be supplementarily add-
ed to the full daily ration. -- A. D.
Musin.

CARD:

1/1

*Station.

POLYAKOV, N.F.

Endemic diseases of farm animals and their prevention in various
zones of the Altai Territory. Izv. Alt. otd. Geog. ob-va SSSR
no.5:166-167 '65. (MIRA 18:12)

1. Altayskiy sel'skokhozyaystvennyy institut.

POLYAKOV, N.F. [Poliakov, M.F.]

Modernization of the separate units of the automatic bottling and
capping machines. Khar, prom. no.2:15-18 Ap-Je '65. (MIRA 18:5)

POLYAKOV, N.M.

Effect of health resort therapy on the motor function of the gall bladder in chronic cholecystitis (X-ray studies). Sov.med. 26 no.8:32-37 Ag '62. (MIRA 15:10)

1. Iz kafedry rentgenologii i radiologii (zav. L.D.Lendenbraten) I Moskovskogo meditsinskogo instituta imeni M.I.Sechenova i Bal'neologicheskogo instituta (dir. Ye.A.Kamenskiy) na Kavkazskikh Mineral'nykh Vodakh.

(GALL BLADDER--DISEASES)

(YESSSENTUKI--HEALTH RESORTS, WATERING--PLACES, ETC.)

POLYAKOV, N.G.

POLYAKOV, N.G., doktor meditsinskikh nauk

"Medical information activity of pharmacies" by N.A.Popov, G.A.
Todorov. Reviewed by N.G.Poliakov. Apt.delo 6 no.5:86-89 S-O '57.
(MIRA 10:11)

1. Rukovoditel' laboratorii farmakologii TSentral'nogo nauchno-
issledovatel'skogo aptechnogo instituta
(PHARMACY) (HEALTH EDUCATION)

POLYAKOV, N.G.

Relation to the structure of the effect on blood pressure and
respiration of phenylethanolamine preparations. Farm. i toks.
20 no.6:21-24 N-D '57 (MIRA 11:6)

1. Tsentral'nyy nauchno-issledovatel'skiy aptechnyy institut
Ministerstva zdravookhraneniya SSSR.

(BLOOD PRESSURE, effect of drugs on,
phenylethanolamine prep., relation of eff. to
structure (Rus))

(RESPIRATION, effect of drugs on,
same)

(SYMPATHOMIMETICS, effects,
phenylethanolamine prep. on blood pressure & resp. (Rus))

POLYAKOV, N. L.

MARGOLIN, Samuil Yevseyevich, OSADCHENKO, P. I.; FLEKSER, M. G.; KUTUMOVA, Ye. N., red.; POLYAKOV, N. G., red.

[Manual for clerks in drugstores and other pharmacy enterprises]
Spravochnik dlia rabotnikov ruchnoi prodazhi v aptekakh i
drugikh aptechnykh uchrezhdeniakh; pod red. E. N. Kutumovoi i
N. G. Poliakova. Moskva, Medgiz, 1958. 227 p. (MIRA 12:6)
(DRUGS)

KUTUMOVA, Ye.N., otv.red.; SHILOV, Yu.M., kand.farmats.nauk, zamestitel'
otv.red.; GORYAINOVA, N.S., kand.khim.nauk; red.; POLYAKOV, N.G.,
doktor med.nauk, red.; SEDOVA, K.D., kand.farmats.nauk, red.;
POLIN, A.N., red.; BOGACHEVA, Z.I., tekhn.red.

[Some problems in materia medica; collection of works of the
Central Pharmaceutical Research Institute of the Ministry of Public
Health of the U.S.S.R.] Nekotorye voprosy lekerstvovedeniia; sbornik
rabot Tsentral'nogo aptechnogo nauchno-issledovatel'skogo instituta
M-vn zdavookhraneniia SSSR. Moskva, Gos.izd-vo med.lit-ry, 1959.
142 p.

(MIRA 13:4)

1. Iz laboratorii farmakologii Tsentral'nogo aptechnogo nauchno-issle-
dovatel'skogo instituta Ministerstva zdavookhraneniya SSSR (for Po-
lyakov).

(MATERIA MEDICA)

POLYAKOV, N.G.

Studies on the role of the vagus nerve in the appearance of renal hypertension induced by mesatone [with summary in English]. Farm. i toks. 22 no.1:15-20 Ja-F '59. (MIRA 12:4)

1. Tsentral'nyy aptechnyy nauchno-issledovatel'skiy institut (dir. Ye.N. Kutumova) Ministerstva zdravookhraneniya SSSR.

(SYMPATHOMIMETICS, effects,

neosynephrine-induction of exper. renal hypertension,
role of vagus nerve (Rus))

(HYPERTENSION, exper.

renal, neosynephrine-induced, role vagus nerve (Rus))

(NERVES, VAGUS, physiol.

on exper. renal hypertension induced by neosynephrine
(Rus))

CHERIKOVSKAYA, Tereza Yakovlevna; PIGULEVSKAYA, Nataliya Nikolayevna;
POLYAKOV, N.G., doktor med. nauk, red.; MANIKOV, M.Ye., red.;
ROMANOVA, Z.A., tekhn. red.

[Concise methodological manual on biological standardization
of cardiotonics and valerian] Kratkoe metodicheskoe posobie po
biologicheskoi standartizatsii serdechnykh sredstv i valer'iany.
Pod red. N.G. Poliakova. Moskva, Gos. izd-vo med. lit-ry Medgiz,
1960. 90 p. (MIRA 14:5)
(BIOLOGICAL ASSAY) (CARDIAC GLYCOSIDES) (VALERIAN)

FIGULEVSKAYA, N.N.; POLYAKOV, N.G.; CHERIKOVSKAYA, T.Ya.

Study of the possibility of using cymarín as a standard for
the biological evaluation of Adonis preparations. Apt. delo
9 no. 4:51-55 J1-Ag '60. (MIRA 13:8)
(CYMARIN) (ADONIS)

POLYAKOV, N.G.; KOSTROVA, T.A.

Study of the biological activity of some drugs containing cardiac glycosides during their storage at different temperatures.

Apt. delo 10 no. 2:56-59 Mr-Ap '61.

(MIRA 14:4)

(CARDIAC GLYCOSIDES)

C A POLYAKOV, N. G.

11 F

Circulatory and respiratory reflexes arising from abdominal aorta. N. G. Polyakov. *Uspekhi Sovremennoi Biol.* 31, 314-16(1951).--There are chemoreceptors and baroreceptors in the walls of the abdominal aorta. Tests with cats showed that acetylcholine soln. (at 10 p.p.m. and much more strongly at 100 p.p.m.) lowers blood pressure (with slower but stronger pulse) and stimulates respiration, when passed through the aorta or introduced by perfusion. Adrenaline (same concns.) has opposite effects but they are not always observable in perfusion expts.

Julian F. Smith

POLIAKOV, N. G.

"The Abdominal Aorta Reflexes Which Influence Blood Circulation and Respiration During the Period of Effectiveness of Certain Pharmaceutical Substances."
Dokl. Akad. Med. Sci. USSR, Moscow, 1954. (KL, No 3, Feb 55)

SO: Sum. No. 631, 26 Aug 55 - Survey of Scientific and Technical Dissertations
Defended at USSR Higher Educational Institutions (14)

Name: POLYAKOV, Nikolay Georgiyevich

Dissertation: Reflexes from the abdominal aorta
on blood circulation and breathing
under the effect of certain pharma-
cological remedies

Degree: Doc Med Sci

Affiliation: [Not indicated]

Defense Date, Place: 25 Oct 55, Council of Med-Biol Dept
of Acad Med Sci USSR

Certification Date: 20 Apr 57

Source: BMVO 14/57

POLYAKOV, N.G.

Research on the biological activity of valerian and lechurus
tinctures in rabbits. Farm. i toks. 25 no.4:423-427 51-Ag '62.
(MIRA 17:10)

1. Tsentral'nyy aptechnyy nauchno-issledovatel'skiy institut.

POLYAKOV, N.G., prof., doktor med.nauk

Study of the biological activity of some cardiovascular preparations on narcoticized animals and those not narcoticized. Sbor. nauch. trud. TSANII 3:135-142 '62.

Modification of the method of biological evaluation of cardiac agents on cats. Ibid.:143-145 (MIRA 16:11)

1. Rukovoditel' laboratorii biologicheskoy i khimicheskoy standartizatsii lekarstv TSentral'nogo aptechnogo nauchno-issledovatel'skogo instituta.

POLYAKOV, N.G., prof. doktor med. nauk

Study of the analgesic activity of drugs. Sbor. nauch. trud.
TSANII 6:141-145 '64.

Study of the activity of a mixture of novocaine and veratrine.
Ibid.:145-147 (MIRA 19:1)

1. Laboratoriya biologicheskoy i khimicheskoy standartizatsii
lekarstv TSentral'nogo aptechnogo nauchno-issledovatel'skogo
instituta.

BELEN'KIY, Ye.Ye., kand. med. nauk; POLYAKOV, N.G., prof., doktor med. nauk

Effect of methyluracil on the cardiac function. Sbor. nauch. trud.
TSANI 6:147-151 '64. (MIRA 19:1)

1. Laboratoriya biologicheskoy i khimicheskoy standartizatsii
lekarstv (rukovoditel' - N.G. Polyakov) TSentral'nogo aptechnogo
nauchno-issledovatel'skogo instituta.

BRYAKOVA, I.I.; POLYAKOV, N.G., doktor med. nauk, prof.

Study in frogs of the biological activity of some cardiac preparations stored at various temperatures. Sbor. nauch. trud. TSANII 6:157-162 '64. (MIRA 19:1)

1. Laboratoriya biologicheskoy i khimicheskoy standartizatsii lekarstv (rukovoditel' - N.G. Polyakov) Tsentral'nogo aptechnogo nauchno-issledovatel'skogo instituta.

POLYAKOV, N.G., prof., doktor med. nauk

Study of the biological activity of valerian and motherwort
tinctures and their mixtures. Sbor. nauch. trud. TSANII 4:
139-148 '63 (MIRA 17r3)

Study and use of physiologically active substances for expedient
medicinal mixtures. Ibid. 149-158

1. Laboratoriya biologicheskoy i khimicheskoy standartizatsii
lekarstv Tsentral'nogo aptechnogo nauchno-issledovatel'skogo
instituta.

POLYAKOV, N.G. doktor med.nauk, prof.

Testing the biological activity of cardiac drugs on cats with pathological hearts. Sbor.nauch.trud. TSANII 2:133-144 '61.

(MIRA 16:5)

1. Laboratoriya biologicheskoy i khimicheskoy standartizatsii lekartsv
TSentral'nogo aptechnogo nauchno-issledovatel'skogo instituta.

(CARDIAC GLYCOSIDES)

(BIOLOGICAL ASSAY)

POLYAKOV, N.G., prof.; CHERIKOVSKAYA, T.Ya., kand. med. nauk;
SIDORKOV, A.M., kand. farmatsevt. nauk; BELEN'KIY,
Ye.Ye., kand. med. nauk; KUZ'MINA, K.K., provizor;
VASIL'YEVA, S.F., provizor; POLYAKOV, N.G., prof.,
red.; FEL'DSHER, L.N., red.; KUCHERENKO, V.D., red.;
CHULKOV, I.F., tekhn. red.

[Basic medicinal preparations and prepared drugs; a
manual for physicians] Osnovnye lekarstvennye preparaty
i gotovye formy; spravochnik dlia vrachei. Moskva,
Medgiz, 1963. 359 p. (MIRA 17:2)

*

POLYAKOV, N.G., prof.; CHERIKOVSKAYA, T.Ya., kand. med. nauk;
SIDORKOV, A.M., kand. farmatsevt. nauk; BELEN'KIY,
Ye.Ye., kand. med. nauk; KUZ'MINA, K.K., provizor;
VASIL'YEVA, S.F., provizor; POLYAKOV, N.G., prof.,
red.; FEL'DSHER, L.N., red.; KUCHERENKO, V.D., red.;
CHULKOV, I.F., tekhn. red.

[Basic medicinal preparations and prepared drugs; a
manual for physicians] Osnovnye lekarstvennye preparaty
i gotovye formy; spravochnik dlia vrachei. Moskva,
Medgiz, 1963. 359 p. (MIRA 17:2)

*

POLYAKOV, N.G., doktor med.nauk, prof.

Study of the action of some cardiovascular remedies on the
isolated heart of a cat. Sbor.nauch.trud. TSANII 2:145-148
'61. (MIRA 16:5)

1. Laboratoriya biologicheskoy i khimicheskoy standartizatsii
lekarstv Tsentral'nogo aptechnogo nauchno-issledovatel'skogo
instituta.

(CARDIOVASCULAR AGENTS) (BIOLOGICAL ASSAY)

NECHIPORENKO, F.P., dotsent (Kiyev, ul. Ovruchskaya, d.17, kv.24);
POLYAKOV, N.G.

Initial multiple malignant tumors of the gastrointestinal tract.
Klin.khir. no.5:68-71 My '62. (MIRA 16:4)

1. Kafedra khirurgii II (zav. - prof. I.I. Kal'chenko)
Kiyevskogo instituta usovershenstvovaniya vrachey.
(ALIMENTARY CANAL—CANCER)

POLYAKOV, N.G.

Comparative study of the activity of convallotoxin in cats with
left cardiac insufficiency and with normal hearts. Farm. i toks.
24 no.4:460-463 JI-Ag '61. (MIRA 14:9)

1. Tsentral'nyy aptechnyy nauchno-issledovatel'skiy institut.
(CONVALLATOXIN) (HEART FAILURE)

POLYAKOV, N.G.

Effect of adoniside on the blood circulation and respiration of
cats in acute insufficiency of the left ventricle of the heart.
Farm. i toks. 24 no.5:554-556 S-O '61. (MIRA 14:10)

1. TSentral'nyy aptechnyy nauchno-issledovatel'skiy institut.
(CARDIAC GLYCOSIDES) (HEART FAILURE)

POLYAKOV, N.G., prof.

Some medicines used in heart diseases. Med. sestra 20 no.4:53-54
Ap '61. (MIRA 14:5)

1. Iz TSentral'nogo nauchno-issledovatel'skogo instituta sanitarnogo
prosveshcheniya Ministerstva zdravookhraneniya SSSR, Moskva.
(HEART—DISEASES)

POLYAKOV, N.G.

Studies of the effect of certain cardiovascular drugs on the
isolated cat heart. Farm.1 toks. 24 no.2:172-174 Mr-Ap '61.
(MIRA 14:6)

1. TSentral'nyy aptechnyy nauchno-issledovatel'skiy institut.
(HEART) (CARDIAC GLYCOSIDES)

BUL'VAROVA, Z.I.; BRYAKOVA, I.I.; NABOKOV, Yu.S.; POLYAKOV, N.G.

Quality of water used for injections. Apt. delo 9 no.3:50.57 My-
Je '60. (MIRA 14:3)

(WATER, DISTILLED)

(INJECTIONS)

1ST AND 2ND GROUPS																									
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POLYAKOV, N.I.																									
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Arc welding of aluminum, aluminum and aluminum bronze. No. 1. Polyakov. <i>Khim. Mashinostroyeniya</i> 1938, No. 1, 42-43. A successful flux consisted of 50% KCl, 12.5% NaCl, 35.0% cryolite and 2.5% charcoal. Electrodes consisting of Al ribbon were covered with this flux and dried at room temp. for 30-60 min., then at 30-40° for 1 to 2 hrs. S. L. M.																									
ASB-3LA METALLURGICAL LITERATURE CLASSIFICATION																									
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POLYAKOV, N.I.																										9																									
Acetylene welding of high-pressure pipes. N. I. Polyakov. <i>Atmosfera Delo</i> 9, No. 12, 25-6 (1938); <i>Chem. Zentr.</i> 1939, II, 2373.—Covered electrodes were used for the welding of high-pressure pipes with the acetylene flame. The coating consisted of ferrochrome 54.13, ferromanganese 16.68, ferromolybdenum 16.68, CaCO₃ 0.83, TiO₂ 0.68 and SiO₂ 5%. Water glass was used as a binding agent. The electrodes were 6 mm. in thickness with the deposited metal having the following compn.: C 0.1-0.15, Mn 0.4-0.6, Mo 0.3-0.4, Cr 0.8-1 and P up to 0.01%. A tensile strength of 45 kg./sq. mm., an elongation of 15% and an impact resistance of 6 kg./sq. cm. were required of the steel to be deposited. The weld seam was subjected to a heat-treatment consisting of normalization and subsequent annealing, the normalization being carried out at 920° and the subsequent treatment at 880° followed by cooling in air. Welded specimens so treated possessed a strength of 45 kg./sq. mm., a bending angle of 180° and an impact resistance of 6 kg./sq. mm. M. G. Moore																																																			
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POLYAKOV, N. I.

"Adjustable Pin Gages", Stanki i
Instrument, 10, No. 3, 1939, Kiev
Bol'shevik Plant, Engineer.

Report U-1505, 4 Oct 1951.

POLYAKOV, M. I.

"Finishing Precision Gears by Rolling"
Stanki i Instrument, 10, No. 5, 1939
Engineer.

Report U-1505, 4 Oct. 1951.

		PROCESSING AND PROPERTIES INDEX																					1ST AND 2ND EDITIONS																					3RD AND 4TH EDITIONS																																									
		CLASSIFICATION																					SUBJECT INDEX																					AUTHOR INDEX																					TITLE INDEX																				
POLYAKOV, N.I.																																																																																					
CA																																																																																					
		Processes occurring during the grinding of glass. N. I. Polyakov. <i>Opiho-Mekhan. Prom.</i> 10, No. 11, 10-11, No. 12, 7-12(1940).—A brief review of various theories dealing with processes taking place during grinding of glass. Conclusions: (1) During grinding of glass, abrasive grains roll around and are not immobilized on the surface of the abrasive. (2) As a result of the effect of the abrasive grain on the glass surface, the latter is covered with a net of small cracks in the interior of the glass; preceding this, glass particles are removed from the surfaces. (3) A completely ground surface consists of 2 layers: (a) a layer consisting of the usual valleys and peaks, (b) a layer consisting of a net of cracks in the interior of the glass just below layer a. (4) The grinding process does not depend upon the grain size of the abrasive. (5) The role of water during grinding is mech. and chem.																																																																																			
		M. V. Condole																																																																																			
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POLYAKOV, N.I.

POLYAKOV, N.I., kandidat tekhnicheskikh nauk; NEVSKIY, B.N., inzhener,
retsensent; KHRISTICH, Z.D., kandidat tekhnicheskikh nauk, redaktor.

[Organization of machine tool management in the factory] Organizatsiia
instrumental'nogo khoziaistva zavoda. Kiev, Gos. nauchno-tekhn. izd-vo
mashinostroit. i sudostroit. lit-ry [Ukr. otd-nie] 1953. 269 p. (MLRA 7:7)
(Machine tools)

POLYAKOV, N.I.

LEONOV, A.Ye.

"Plant toolroom management". N.I.Poliakov. Reviewed by A.E.Leonov.
Vest.mash.35 no.7:90-92 J1'55. (MLRA 8:10)
(Machinists' tools) (Factory management)

POLYAKOV, N.I., inzhener.

Problem of building automatic dump carts for narrow-gauge track. Torf.
prom. 30 no.8:13-16 Ag '53. (MLRA 6:7)

1. Demikhovskiy zavod.

(Railroads--Freight cars)

POLYAKOV, N. I.

Organizatsiia instrumental'nogo khoziaistva zavoda (Organization of the factory tool system) Moskva, Mashgiz, 1953. 272 p.

SO: Monthly List of Russian Accessions, Vol. 7, No. 6, Sep. 1954

GAVRILOV, Anatoliy Nikolayevich; POLYAKOV, N.I., professor, retsenzent;
KURAPOV, A.N., kandidat tekhnicheskikh nauk, redaktor; PETROVA,
I.A., redaktor; ZUDAKIN, I.M., tekhnicheskii redaktor.

[Technology of manufacturing parts for airplane instruments]
Tekhnologiya izgotovleniya detalei aviatsionnykh priborov.
Moskva, Gos. izd-vo obor. promyshl. 1956. 386 p. (MLRA 9:6)
(Astronomical instruments)

POLYAKOV, N. I.

PHASE I BOOK EXPLOITATION

398

^{p. 3}
Moscow. AviatSIONnyy tekhnologicheskii institut

Nekotoryye voprosy sovremennoy tekhnologii priborostroyeniya (Some Problems in the Modern Technology of Instrument Making) Moscow, Oborongiz, 1957. 126 p.
(Its: Trudy, vyp. 33) 3,700 copies printed.

Ed. (title page): Polyakov, N. I., Professor; Ed. (inside book): Manuylov, L. K.;
Ed. of Publishing House: Loseva, G. F.; Tech. Ed.: Rozhin, V. P.;
Managing Ed. (Oborongiz): Latynin, Ye. V., Engineer.

PURPOSE: This book is intended for engineers working in the instrumentation industry and students specializing in this field.

COVERAGE: This is a collection of articles dealing with the theoretical and practical problems encountered in the instrument manufacturing industry. It covers the principal scientific research work done in the Department of Technology of Aircraft Instrument Manufacturing dealing with the development of modern processes of instrument manufacture. Special emphasis is placed on problems connected with increasing instrument precision and capacity and on the automation and mechanization of the instrument manufacturing industry. For the abstract of each article see Table of Contents.

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Some Problems in the Modern Technology (Cont.)

398

TABLE OF
CONTENTS:

Introduction

3

Slomyanskiy, G. A., Candidate of Technical Sciences. Deflection of Elastic
Members Due to Temperature Changes

5

This article deals with deflection of sensitive elastic members of various instruments and automatic controls caused by changes of temperature. The author states that when instruments are used under conditions where there is considerable temperature fluctuation in the area surrounding sensitive members, these members deflect without any change in the measured value, and as a result introduce error in the instrument reading. In order to determine these errors it is necessary to know the "thermal deflection" of elastic members which depends not only on temperature but also on the force-deflection diagram. According to the author this relationship is different for each individual member of the same design and therefore will have a different "thermal deflection." In this article the author develops a method for determining the "thermal deflection" based on an actual force-deflection diagram plotted for a determined temperature. Derived equations are given and their application to specific problems is illustrated. There are no references.

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Some Problems in the Modern Technology (Cont.)

398

Polyakov, N. I., Professor, and Igoshin, F. F. Application of Ultrasonics in Instrument Manufacture

22

The purpose of this article is to acquaint the reader with applications of ultrasonics in instrument manufacture, and to present a general review of this subject. Basic properties of ultrasonic waves, their generation and propagation are discussed. The article contains illustrations and descriptions of various types of ultrasonic flaw detectors and describes their practical application. The authors state that further development in the field of ultrasonics and its industrial application will be along the following lines: 1) study of ultrasonic phenomena 2) search for new fields of application 3) development of new inexpensive and simple methods for producing ultrasonic waves. There are 12 references of which 5 are Soviet, 1 German, 3 English, 2 French and 1 Swiss.

Pryadilov, Yu. M., Candidate of Technical Sciences, Bridge With a Diode for Voltage Stabilizers

39

The author claims, that a.c. voltage stabilizers, having a bridge with a diode are the most economical of power consumption by control systems. By

Card 3/8

Some Problems in the Modern Technology (Cont.)

398

Nikolayev, Ye. N., Senior Instructor, and Chumakov, V. P., Candidate of
Technical Sciences, Docent. Mechanized Winding of Small Rotors

74

In this article the authors discuss the development of new machine tools and techniques for winding small-sized rotors of electric motors widely used in aircraft instrumentation and automatic controls. The authors have developed a preliminary design and technical specifications for the construction of a machine tool for winding small-sized rotors, on the basis of which the Scientific Research Institute of Technology and Production Management in the Aircraft Industry has worked out the details and built a model of this machine. The model has been tested and successfully used in one of the plants of the Ministry of the Aircraft Industry. Schematic diagrams and detailed discussion of this machine tool is presented. The authors state that the new machine tool simplifies and facilitates the time-consuming manual winding operation. There are 3 Soviet references.

Card 5/8

Some Problems in the Modern Technology (Cont.)

398

Fefer, A. I., Engineer, and Parfenov, O. D., Engineer. Mechanized Computation of Automatic Lathe Setups

101

The author discusses a newly developed device for checking the accuracy of setting-up automatic lathes. The principle of operation and examples of practical application of this device are presented. There are 4 Soviet references.

Rodkinov, Ye. M., Engineer. On the Moment of Resistance to Rotation in Radial Ball Bearings of an Instrument

109

This article deals with the analysis of relationships between the friction moment of ball bearings and the angular displacement of the revolving bearing ring. The author states that this problem has not been thoroughly investigated in the literature. He concludes that the friction moment in the radial ball bearing varies with angular displacement of the revolving ring, and that the radial

Card 7/8

GAVRILOV, Anatoliy Nikolayevich; MYUYR, Valentin Nikolayevich; POLYAKOV,
N.I., prof., retsenzent; GALEY, M.T., kand. tekhn. nauk, retsenzent;
AVRUTIN, S.V., dots., red.; SALYANSKIY, A., red. izd-va; UVAROVA,
A.F., tekhn. red.

[Resources and methods for increasing labor productivity in the
manufacture of instruments] Rezervy i puti povysheniya proizvodi-
tel'nosti truda v priborostroenii. Moskva, Gos. nauchno-tekhn.
izd-vo mashinostroit. lit-ry, 1958. 642 p. (MIRA 11:10)
(Instruments)

SHEVELEV, Maksim Lavrent'yevich; POLYAKOV, N.I., prof., retsenzent; CHIRKIN, G.S., inzh., retsenzent; DUKHANIN, Yu.A., inzh., red.; BARYKOVA, G.I., red. izd-va; CHERNOVA, Z.I., tekhn. red.

[Safety engineering in the machinery industry] Tekhnika bezopasnosti v mashinostroenii. Izd.2., perer.i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 324 p. (MIRA 14:11)
(Machinery industry—Safety measures)

SEREGIN, I.N.; POLYAKOV, N.I.; DUBROVA, Ye.P.; ZIMIN, N.G.

From abroad. Avt.dor. 28 no.11:28 N '65.

(MIRA 18:11)

L 8742-65 EEO-2/EWT(d)/FSS-2/EEC(k)-2/EMG(v)/EED-2/FS(b) Pn-4/Po-4/Pe-5/Pq-4/
Pg-4/Pk-4/Pl-4 IJP(c)/ESD(51)/AFMDC/BSA/ASD(a)/AFWL/ASD(a)-5/AEDC(a)/AFETR/ESD(t)/
SSD BC 8/2536/64/000/059/0003/0004

ACCESSION NR: AT4046032

AUTHOR: Polyakov, N. I. (Professor)

TITLE: Technology and design of gyroscopic instruments. Foreword ⁶

SOURCE: Moscow. Aviatsionnyy tekhnologicheskii institut. Trudy⁹,
no. 59, 1964. Tekhnologiya i konstruirovaniye giropriborov (Tech-
nology and design of gyroscopic instruments), 3-4

TOPIC TAGS: gyroscope, aircraft instrument design, rocket technology

ABSTRACT: This paper is a foreword to a collection of articles deal-
ing with problems of increasing the precision and reliability of in-
struments. The Soviet aircraft industry is said to be engaged in the
development of new gyroscopes that would meet the rigid requirements
of the rapidly expanding aviation and rocket technology. The relative
spacing between surfaces in a floating gyroscope is now held to
0.001 mm. The moment of friction in gyroscope mountings is determined
with an accuracy of 0.01 mg cm, and the equilibrium, with an accuracy
of 0.5 to 1 mg cm. Reliability, precision, standardization, and pro-
duction efficiency in terms of cost in energy, time, and money are

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ACCESSION NR: AT4046032

considered to be the essential problems of modern aircraft-instrument design.

ASSOCIATION: Moskovskiy aviatsionnyy tekhnologicheskiy institut (Moscow Aviation Technology Institute)

SUBMITTED: 00 ATD PRESS: 3113 ENCL: 00

SUB CODE: NG NO REF SOV: 000 OTHER: 000

Card 2/2

~~POLYAKOV, N.I.~~

Give everything full consideration. Nauka i pered.op.v sel'khoz.
7 no.6:66-68 Je '57. (MIRA 10:7)

1. Predsedatel' kolkhosa imeni Kuybysheva, Lebedyanskogo rayona,
Lipetskoy oblasti.

(Poultry)

POLYAKOV, Nikolay Mikhaylovich; CHIZHIKOV, Nikolay Ivanovich; FADYEV, Ye.I.,
otvetstvennyy redaktor; SAVIN, M.M., redaktor izdatel'stva; BEKKER,
O.G., tekhnicheskiy redaktor

[Use of rock freezing in mining] Provedenie gornykh vyrabotok s
primeneniem zamorazhivaniya porod. Moskva, Ugletekhizdat, 1957.
238 n. (MLRA 10:10)

(Coal mines and mining)

(Refrigeration and refrigerating machinery)

POLYAKOV, N. K., Doc Agric Sci (diss) -- "Principles of increasing the yield of apple trees". Khar'kov, 1959. 39 pp (Min Agric Ukr SSR, Khar'kov Order of Labor Red Banner Agric Inst im V. V. Dokuchayev, Chair of Plant Growing), 200 copies (KL, No 25, 1959, 137)

SEVER'YANOV, Nikolay Nikolayevich, kand.tekhn.nauk. Prinimali uchastiye:
KUTNEVICH, M.A., inzh.; MOCHALOVSKIY, N.G., inzh.. ~~POLYAKOV,~~
~~N.K., nauchnyy red.;~~ DOLMATOV, P.S., vedushchiy red.; YASHCHUR-
ZHINSKAYA, A.B., tekhn.red.

[Transportation in the fuel industry] Transport toplivnykh
predpriatii. Leningrad, Gos.nauchno-tekhn.izd-vo neft. i
gorno-toplivnoi lit-ry, Leningr.otd-nie, 1959. 623 p.

(MIRA 13:2)

(Railroads, Industrial) (Transportation, Automotive)
(Fuel--Transportation)

STRAMENTOV, Andrey Yevgen'yevich, prof., doktor tekhn.nauk; POLYAKOV,
N.Kh., prof., retsenzent; BAKUTIS, V.E., kand.tekhn.nauk,
nauchnyy red.; FRIDBERG, G.V., inzh., red.izd-va; STEPANOVA,
E.S., tekhn.red.

[Engineering problems in city planning] Inzhenernye voprosy
planirovki gorodov. Izd.2, perer. i dop. Moskva, Gos.izd-vo
lit-ry po stroit., arkhitekt. i stroit.materialam, 1959. 423 p.
(MIRA 13:3)

1. Chleny-korrespondenty Akademii stroitel'stva i arkhitektury
SSSR (for Stramentov, Polyakov).

(City planning) (Civil engineering)

1ST AND 2ND ORDERS																										3RD AND 4TH ORDERS																									
1ST AND 2ND ORDERS																										3RD AND 4TH ORDERS																									
POLYAKOV, N.K.																																																			
Apparatus for determining the concentration of paper pulp. N. K. Polyakov. Russ. 30,858, Aug. 31, 1933.																																																			
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ASB-3LA METALLURGICAL LITERATURE CLASSIFICATION																																																			
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POLYAKOV, N.K.

ca

Apparatus for regulating the concentration of paper pulp. N. K. Polyakov. Russ. 33,388, Nov. 30, 1933. Construction details.

COMMON ELEMENT

COMMON VARIABLE INDEX

METALLURGICAL LITERATURE CLASSIFICATION

ASME-SEA

ASTM-A100

ASTM-A101

ASTM-A102

ASTM-A103

ASTM-A104

ASTM-A105

ASTM-A106

ASTM-A107

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 H_2SO_4 . The difference thus obtained represents the
ethanolamine content of the original sample.
G. M. Kosolapoff